

Author Index

- Aiach, M., see Najjam, S. (1225) 135
 Akamatsu, Y., see Iwaki, M. (1225) 83
 Altura, B.M., see Wu, F. (1225) 158
 Altura, B.T., see Wu, F. (1225) 158
 Anderson, K.W., see Butterfield, D.A. (1225) 231
 Ando, M., see Tanaka, Y. (1225) 311
 Ando, Y., see Tanaka, Y. (1225) 311
 Änggård, E., see Li, S.-R. (1225) 271
 Apovo, M., Beuzard, Y., Galacteros, F., Bachir, D. and Giraud, F.
 The involvement of the Ca-dependent K channel and of the KCl
 co-transport in sickle cell dehydration during cyclic deoxygenation (1225) 255
 Araki, S., see Tanaka, Y. (1225) 311
 Arden, W.A., see Butterfield, D.A. (1225) 231
 Argent, A.C., see Stewart, G.W. (1225) 15
 Babizhayev, M.A. and Costa, E.B.
 Lipid peroxide and reactive oxygen species generating systems of
 the crystalline lens (1225) 326
 Bachir, D., see Apovo, M. (1225) 255
 Baldo, L., see Lapolla, A. (1225) 33
 Barbour, R.L., see Wu, F. (1225) 158
 Bechara, E.J.H., see Onuki, J. (1225) 259
 Bell, J.D., Cox, I.J., Sargentoni, J., Peden, C.J., Menon, D.K., Foster,
 C.S., Watanapa, P., Iles, R.A. and Urenjak, J.
 A ³¹P and ¹H-NMR investigation in vitro of normal and abnormal
 human liver (1225) 71
 Bellary, S., see Butterfield, D.A. (1225) 231
 Bergh, J., see Hao, X.-Y. (1225) 223
 Beuzard, Y., see Apovo, M. (1225) 255
 Blanchette-Mackie, E.J., see Pentchev, P.G. (1225) 235
 Borrel, M.N., see Pereira, E. (1225) 209
 Bothmer, J. and Jolles, J.
 Phosphoinositide metabolism, aging and Alzheimer's disease
 (1225) 111
 Bouhours, J.-F., see Persat, F. (1225) 297
 Brady, R.O., see Pentchev, P.G. (1225) 235
 Breiner, M., see Kainulainen, H. (1225) 275
 Butterfield, D.A., Sun, B., Bellary, S., Arden, W.A. and Anderson,
 K.W.
 Effect of endotoxin on lipid order and motion in erythrocyte
 membranes (1225) 231
 Cabezas-Herrera, J., Moral-Naranjo, M.T., Campoy, F.J. and Vidal,
 C.J.
 G₄ forms of acetylcholinesterase and butyrylcholinesterase in
 normal and dystrophic mouse muscle differ in their interaction
 with *Ricinus communis* agglutinin (1225) 283
 Callahan, J.W., see Okamura-Oho, Y. (1225) 244
 Campoy, F.J., see Cabezas-Herrera, J. (1225) 283
 Capaldi, R.A., see Taanman, J.-W. (1225) 95
 Carstea, E.D., see Pentchev, P.G. (1225) 235
 Castro, V.M., see Hao, X.-Y. (1225) 223
 Catinella, S., see Lapolla, A. (1225) 33
 Chadeuf, G., see Najjam, S. (1225) 135
 Chen, T., see Wang, X. (1225) 187
 Chiu, H.-C., Jeng, J.-R. and Shieh, S.-M.
 Increased oxidizability of plasma low density lipoprotein from
 patients with coronary artery disease (1225) 200
 Choudhuri, S., McKim Jr., J.M. and Klaassen, C.D.
 Induction of metallothionein by superantigenic bacterial exo-
 toxin: probable involvement of the immune system (1225) 171
 Christensen, M.J. and Pusey, N.W.
 Binding of nuclear proteins to transcription regulatory elements
 in selenium deficiency (1225) 338
 Clark, C.J., Milligan, G. and Connell, J.M.C.
 Guanine nucleotide regulatory protein alterations in young Milan
 hypertensive strain rats (1225) 149
 Connell, J.M.C., see Clark, C.J. (1225) 149
 Costa, E.B., see Babizhayev, M.A. (1225) 326
 Cox, I.J., see Bell, J.D. (1225) 71
 Dash, B.C.J., see Stewart, G.W. (1225) 15
 Devlin, T.M., see Uribe, S. (1225) 144
 Dho, S., Grinstein, S. and Foskett, J.K.
 Plasma membrane recycling in CFTR-expressing CHO cells (1225)
 78
 Di Mascio, P., see Onuki, J. (1225) 259
 Endo, F., see Hayashida, Y. (1225) 317
 Endo, F., see Nobukuni, Y. (1225) 64
 Fedele, D., see Lapolla, A. (1225) 33
 Ferns, G., see Li, S.-R. (1225) 271
 Fiallo, M., see Pereira, E. (1225) 209
 Flock, J.-I., see Liang, O.D. (1225) 57
 Forster, L., see Li, S.-R. (1225) 271
 Foskett, J.K., see Dho, S. (1225) 78
 Foster, C.S., see Bell, J.D. (1225) 71
 Galacteros, F., see Apovo, M. (1225) 255
 Galacteros, F., see Wajcman, H. (1225) 89
 Galliano, M., Minchiotti, L., Iadarola, P., Stoppini, M., Giagnoni, P.,
 Watkins, S., Madison, J. and Putnam, F.W.
 Protein and DNA sequence analysis of a 'private' genetic variant:
 albumin Ortonovo (Glu-505 → Lys) (1225) 27
 Gamble, J. and Lopaschuk, G.D.
 Glycolysis and glucose oxidation during reperfusion of ischemic
 hearts from diabetic rats (1225) 191
 Gandrille, S., see Najjam, S. (1225) 135
 Gao, J., see Wu, F. (1225) 158
 Garnier-Suillerot, A., see Pereira, E. (1225) 209
 Gattegno, L., see Seddiki, N. (1225) 289
 Gerhardinger, C., see Lapolla, A. (1225) 33
 Giagnoni, P., see Galliano, M. (1225) 27
 Gieseg, S.P., see O'Connell, A.M. (1225) 180
 Gilsanz, F., see Wajcman, H. (1225) 89
 Giraud, F., see Apovo, M. (1225) 255
 Gluckman, J.-C., see Seddiki, N. (1225) 289
 Goldin, E., see Pentchev, P.G. (1225) 235
 Grinstein, S., see Dho, S. (1225) 78
 Grunewald, R.W., Weber, I.I., Kinne-Saffran, E. and Kinne, R.K.H.
 Control of sorbitol metabolism in renal inner medulla of diabetic
 rats: regulation by substrate, cosubstrate and products of the
 aldose reductase reaction (1225) 39

- Hall, R.E., see Taanman, J.-W. (1225) 95
- Hao, X.-Y., Castro, V.M., Bergh, J., Sundström, B. and Mannervik, B.
Isoenzyme-specific quantitative immunoassays for cytosolic glutathione transferases and measurement of the enzymes in blood plasma from cancer patients and in tumor cell lines (1225) 223
- Hayashida, Y., Mitsubuchi, H., Indo, Y., Ohta, K., Endo, F., Wada, Y. and Matsuda, I.
Deficiency of the E1 β subunit in the branched-chain α -keto acid dehydrogenase complex due to a single base substitution of the intron 5, resulting in two alternatively spliced mRNAs in a patient with maple syrup urine disease (1225) 317
- Hayashida, Y., see Nobukuni, Y. (1225) 64
- Iadarola, P., see Galliano, M. (1225) 27
- Ichiba, Y., see Nobukuni, Y. (1225) 64
- Iles, R.A., see Bell, J.D. (1225) 71
- Indo, Y., see Hayashida, Y. (1225) 317
- Indo, Y., see Nobukuni, Y. (1225) 64
- Iwaki, M., Kumagai, S., Akamatsu, Y. and Kitagawa, T.
Aflatoxin B₁-binding proteins in primary cultured hepatocytes of chicken embryo: studies in vivo and in vitro (1225) 83
- Jansen, G.A. and Wanders, R.J.A.
L-2-Hydroxyglutarate dehydrogenase: identification of a novel enzyme activity in rat and human liver. Implications for L-2-hydroxyglutaric acidemia (1225) 53
- Järveläinen, H.T., see Määttä, A. (1225) 264
- Jeng, J.-R., see Chiu, H.-C. (1225) 200
- Jolles, J., see Bothmer, J. (1225) 111
- Joost, H.G., see Kainulainen, H. (1225) 275
- Kainulainen, H., Breiner, M., Schürmann, A., Marttinen, A., Virjo, A. and Joost, H.G.
In vivo glucose uptake and glucose transporter proteins GLUT1 and GLUT4 in heart and various types of skeletal muscle from streptozotocin-diabetic rats (1225) 275
- Kanalas, J.J.
Effect of the nephritogenic autoantibody of Heymann's nephritis on plasminogen-binding to Gp330 and activation by urokinase (1225) 101
- Keane, A., see Lapolla, A. (1225) 33
- Kennaway, N.G., see Taanman, J.-W. (1225) 95
- Kinne, R.K.H., see Grunewald, R.W. (1225) 39
- Kinne-Saffran, E., see Grunewald, R.W. (1225) 39
- Kister, J., see Wajcman, H. (1225) 89
- Kitagawa, T., see Iwaki, M. (1225) 83
- Klaassen, C.D., see Choudhuri, S. (1225) 171
- Kumagai, S., see Iwaki, M. (1225) 83
- Kumamoto, T., see Tanaka, Y. (1225) 311
- Lapolla, A., Gerhardinger, C., Baldo, L., Fedele, D., Keane, A., Seraglia, R., Catinella, S. and Traldi, P.
A study on in vitro glycation processes by matrix-assisted laser desorption ionization mass spectrometry (1225) 33
- Leiser, J. and Molitoris, B.A.
Disease processes in epithelia: the role of the actin cytoskeleton and altered surface membrane polarity (1225) 1
- Li, S.-R., Forster, L., Änggård, E. and Ferns, G.
The effects of LPS and probucol on interleukin 1 (IL-1) and platelet-derived growth factor (PDGF) gene expression in the human monocytic cell line U-937 (1225) 271
- Liang, O.D., Maccarana, M., Flock, J.-I., Paulsson, M., Preissner, K.T. and Wadström, T.
Multiple Interactions Between Human Vitronectin and *Staphylococcus aureus* (1225) 57
- Lopaschuk, G.D., see Gamble, J. (1225) 191
- Määttä, A., Järveläinen, H.T., Nelimarkka, L.O. and Penttinen, R.P.
Fibroblast expression of collagens and proteoglycans is altered in aspartylglucosaminuria, a lysosomal storage disease (1225) 264
- Maccarana, M., see Liang, O.D. (1225) 57
- Madison, J., see Galliano, M. (1225) 27
- Majamaa, K. and Myllylä, V.V.
A disorder of collagen biosynthesis in patients with cerebral artery aneurysm (1225) 48
- Mannervik, B., see Hao, X.-Y. (1225) 223
- Marttinen, A., see Kainulainen, H. (1225) 275
- Marusich, M.F., see Taanman, J.-W. (1225) 95
- Matsuda, I., see Hayashida, Y. (1225) 317
- Matsuda, I., see Nobukuni, Y. (1225) 64
- Matsumoto, A.
Altered processing characteristics of β -amyloid-containing peptides in cytosol and in media of familial Alzheimer's disease cells (1225) 304
- McKim Jr., J.M., see Choudhuri, S. (1225) 171
- Mc Lean, J., see Pfaffinger, D. (1225) 107
- Medeiros, M.H.G., see Onuki, J. (1225) 259
- Menon, D.K., see Bell, J.D. (1225) 71
- Milligan, G., see Clark, C.J. (1225) 149
- Minchiotti, L., see Galliano, M. (1225) 27
- Mitsubuchi, H., see Hayashida, Y. (1225) 317
- Mitsubuchi, H., see Nobukuni, Y. (1225) 64
- Miyazaki, A., see Tanaka, Y. (1225) 311
- Mojon, M., see Persat, F. (1225) 297
- Molitoris, B.A., see Leiser, J. (1225) 1
- Moral-Naranjo, M.T., see Cabezas-Herrera, J. (1225) 283
- Myllylä, V.V., see Majamaa, K. (1225) 48
- Najjam, S., Chadeuf, G., Gandrille, S. and Aiach, M.
Arg-129 plays a specific role in the conformation of antithrombin and in the enhancement of factor Xa inhibition by the pentasaccharide sequence of heparin (1225) 135
- Nakamura, M., see Tanaka, Y. (1225) 311
- Nakayama, M., see Tanaka, Y. (1225) 311
- Nelimarkka, L.O., see Määttä, A. (1225) 264
- Nobukuni, Y., Mitsubuchi, H., Hayashida, Y., Ohta, K., Indo, Y., Ichiba, Y., Endo, F. and Matsuda, I.
Heterogeneity of mutations in Maple Syrup Urine Disease (MSUD): screening and identification of affected E1 α and E1 β subunits of the branched-chain α -keto-acid dehydrogenase multienzyme complex (1225) 64
- O'Connell, A.M., Giese, S.P. and Stanley, K.K.
Hypochlorite oxidation causes cross-linking of Lp(a) (1225) 180
- Ohta, K., see Hayashida, Y. (1225) 317
- Ohta, K., see Nobukuni, Y. (1225) 64
- Okamura-Oho, Y., Zhang, S. and Callahan, J.W.
The biochemistry and clinical features of galactosialidosis (1225) 244
- Onuki, J., Medeiros, M.H.G., Bechara, E.J.H. and Di Mascio, P.
5-Aminolevulinic acid induces single-strand breaks in plasmid pBR322 DNA in the presence of Fe²⁺ ions (1225) 259
- Paradies, G., Ruggiero, F.M., Petrosillo, G. and Quagliariello, E.
Enhanced cytochrome oxidase activity and modification of lipids in heart mitochondria from hyperthyroid rats (1225) 165
- Parker, C.C., see Pentchev, P.G. (1225) 235
- Paulsson, M., see Liang, O.D. (1225) 57
- Peden, C.J., see Bell, J.D. (1225) 71
- Pentchev, P.G., Brady, R.O., Blanchette-Mackie, E.J., Vanier, M.T., Carstea, E.D., Parker, C.C., Goldin, E. and Roff, C.F.
The Niemann-Pick C lesion and its relationship to the intracellular distribution and utilization of LDL cholesterol (1225) 235
- Penttinen, R.P., see Määttä, A. (1225) 264

- Pereira, E., Borrel, M.N., Fiallo, M. and Garnier-Suillerot, A.
Non-competitive inhibition of P-glycoprotein-associated efflux of THP-adriamycin by verapamil in living K562 leukemia cells (1225) 209
- Persat, F., Bouhours, J.-F., Petavy, A.-F. and Mojon, M.
Gangliosides of *Echinococcus multilocularis* metacestodes (1225) 297
- Petavy, A.-F., see Persat, F. (1225) 297
- Petrosillo, G., see Paradies, G. (1225) 165
- Pfaffinger, D., Mc Lean, J. and Scanu, A.M.
Amplification of human APO(a) kringle 4-37 from blood lymphocyte DNA (1225) 107
- Pieters, M.N., Schouten, D. and Van Berkel, T.J.C.
In vitro and in vivo evidence for the role of HDL in reverse cholesterol transport (1225) 125
- Piomelli, S., see Wang, X. (1225) 187
- Poh-Fitzpatrick, M., see Wang, X. (1225) 187
- Portoukalian, J., see Seddiki, N. (1225) 289
- Preissner, K.T., see Liang, O.D. (1225) 57
- Promé, D., see Wajcman, H. (1225) 89
- Pusey, N.W., see Christensen, M.J. (1225) 338
- Putnam, F.W., see Galliano, M. (1225) 27
- Quagliariello, E., see Paradies, G. (1225) 165
- Ramdani, A., see Seddiki, N. (1225) 289
- Roff, C.F., see Pentchev, P.G. (1225) 235
- Ruggiero, F.M., see Paradies, G. (1225) 165
- Saffar, L., see Seddiki, N. (1225) 289
- Sargentoni, J., see Bell, J.D. (1225) 71
- Scanu, A.M., see Pfaffinger, D. (1225) 107
- Schouten, D., see Pieters, M.N. (1225) 125
- Schürmann, A., see Kainulainen, H. (1225) 275
- Seddiki, N., Ramdani, A., Saffar, L., Portoukalian, J., Gluckman, J.-C. and Gattegno, L.
A monoclonal antibody directed to sulfatide inhibits the binding of human immunodeficiency virus type 1 (HIV-1) envelope glycoprotein to macrophages but not their infection by the virus (1225) 289
- Seraglia, R., see Lapolla, A. (1225) 33
- Shieh, S.-M., see Chiu, H.-C. (1225) 200
- Stanley, K.K., see O'Connell, A.M. (1225) 180
- Stewart, G.W., Argent, A.C. and Dash, B.C.J.
Stomatin: a putative cation transport regulator in the red cell membrane (1225) 15
- Stoppini, M., see Galliano, M. (1225) 27
- Sun, B., see Butterfield, D.A. (1225) 231
- Sundström, B., see Hao, X.-Y. (1225) 223
- Taanman, J.-W., Hall, R.E., Tang, C., Marusich, M.F., Kennaway, N.G. and Capaldi, R.A.
Tissue distribution of cytochrome *c* oxidase isoforms in mammals. Characterization with monoclonal and polyclonal antibodies (1225) 95
- Taketani, S., see Wang, X. (1225) 187
- Tanaka, Y., Ando, Y., Kumamoto, T., Miyazaki, A., Nakamura, M., Nakayama, M., Araki, S. and Ando, M.
Changed affinity of apolipoprotein AII to high density lipoprotein (HDL) in patients with familial amyloidotic polyneuropathy (FAP) type I (1225) 311
- Tang, C., see Taanman, J.-W. (1225) 95
- Topley, N., see Williams, A.S. (1225) 217
- Traldi, P., see Lapolla, A. (1225) 33
- Urenjak, J., see Bell, J.D. (1225) 71
- Uribe, S. and Devlin, T.M.
Tri-Calciophor (16,16-dimethyl-15-dehydroprostaglandin B₁ trimer)-mediated mitochondrial Ca²⁺ movements: modulation by phosphate (1225) 144
- Van Berkel, T.J.C., see Pieters, M.N. (1225) 125
- Vanier, M.T., see Pentchev, P.G. (1225) 235
- Vidal, C.J., see Cabezas-Herrera, J. (1225) 283
- Virjo, A., see Kainulainen, H. (1225) 275
- Wada, Y., see Hayashida, Y. (1225) 317
- Wadström, T., see Liang, O.D. (1225) 57
- Wajcman, H., Kister, J., Promé, D., Galacteros, F. and Gilsanz, F.
Hb Villaverde [β 89 (F5) Ser \rightarrow Thr]: the structural modification of an intrasubunit contact is responsible for a high oxygen affinity (1225) 89
- Wanders, R.J.A., see Jansen, G.A. (1225) 53
- Wang, X., Poh-Fitzpatrick, M., Taketani, S., Chen, T. and Piomelli, S.
Screening for ferrochelatase mutations: molecular heterogeneity of erythropoietic protoporphyria (1225) 187
- Watanapa, P., see Bell, J.D. (1225) 71
- Watkins, S., see Galliano, M. (1225) 27
- Weber, I.I., see Grunewald, R.W. (1225) 39
- Williams, A.S., Topley, N. and Williams, B.D.
Effect of liposomally encapsulated MTX-DMPE conjugates upon TNF α and PGE₂ release by lipopolysaccharide stimulated rat peritoneal macrophages (1225) 217
- Williams, B.D., see Williams, A.S. (1225) 217
- Wu, F., Altura, B.T., Gao, J., Barbour, R.L. and Altura, B.M.
Ferrylmyoglobin formation induced by acute magnesium deficiency in perfused rat heart causes cardiac failure (1225) 158
- Zhang, S., see Okamura-Oho, Y. (1225) 244